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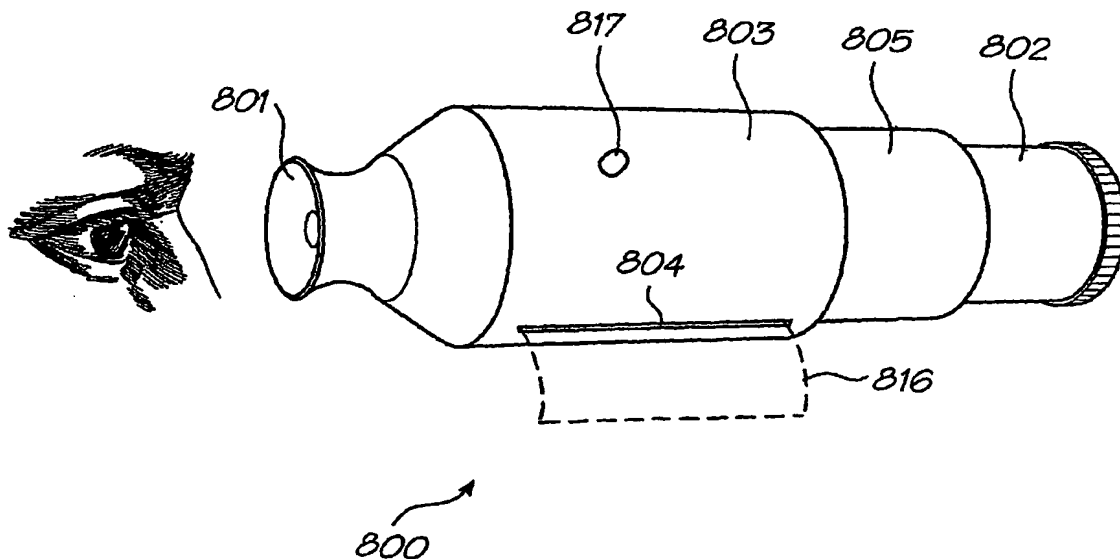
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B41J 3/44
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- Published:
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- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: TELESCOPE WITH INTEGRAL PRINTER



(57) Abstract: A telescope (800) includes a lens (802) and an eyepiece (801) by which a person can view a remote object. The telescope includes a built-in printer to provide an instantaneous permanent record of an image viewed by the person. Upon activation of a trigger (817), a permanent graphic image is printed onto a sheet (816) that passes out of the telescope via slot (804).

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU03/00161

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: G02B 23/00, B41J 3/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI, JAPIO IPC: G02B 17/-, 23/-, 27/-, F41G 1/-, F41G 11/-, B41J 3/44-3/51 & keywords: telescope, print+; imag+; built-in and silimar words; camera, binocular, periscope, eyepiece, view+; sens+, detect+; slot, groove, pass+
USPTO: AN/Silverbrook AND ABST/printer AND (APN/112\$ OR ABST/(integral OR built-in));

Espace: keywords: printer AND (integral or built-in) AND (G02B OR G03B)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6357135 B1 (SILVERBROOK) 19 March 2002 Column 1 line 58-column 4 line 16	1, 2, 4-8
P, A	WO 02/056757 A1 (SILVERBROOK RESEARCH PTY LTD) 25 July 2002 Whole document	1-10
A	US 6305770 B1 (SILVERBROOK) 23 October 2001 Abstract; claims; columns 4-6	1-10

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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06 MAR 2003

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International application No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Derwent Abstract Accession No. 99-132531/11, Class T01, WO 99/04368 A1 (SILVERBROOK RES PTY LTD) 28 January 1999 Abstract	1-10
A	US 5847836 A (SUZUKI) 8 December 1998 Abstract	1-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/00161

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
US	6357135	NONE			
WO	2002056757	AU 20012566			
US	6305770	NONE			
WO	9904368	EP	999934	US	2002033863
		US	6398328	US	6431704
		EP	1021794	US	6356715
		US	6362869	US	6431669
		US	6195150	US	2001048509
		US	2002030713	US	2002033854
		US	2002071104	US	2002080335
		US	6087638	US	6196541
		US	6329990	AU	83227/98
		US	6476863	US	2002180857
		US	6071750	US	6110754
		US	6171875	US	6180427
		US	6190931	US	6196739
		US	6213589	US	6214244
		US	6217165	US	6220694
		US	6225138	US	6227653
		US	6228668	US	6231163
		US	6231773	US	6234609
		US	6235212	US	6238040
		US	6241342	US	6241904
		US	6241906	US	6245246
		US	6247796	US	6248248
		US	6251298	US	6254220
		US	2001006394	US	6257704
		US	6258285	US	6260953
		US	2001008408	US	6264306
		US	6264849	US	6264850
		US	6267904	US	6267905
		US	2001012035	US	6283582
				WO	9903681
				US	6415054
				US	6472052
				AU	83235/98
				US	2002030712
				US	6362868
				US	6416154
				US	6366693
				US	6227648
				EP	997033
				US	6152619
				US	6188415
				US	6213588
				US	6217153
				US	6224780
				US	6227654
				US	6231772
				US	6235211
				US	6239821
				US	6241905
				US	6247792
				US	6248249
				US	6254793
				US	6258284
				US	2001008406
				US	6264307
				US	2001009430
				US	6270182
				US	6284147

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/00161

US 6286935	US 6287028	US 6289262
US 6290861	US 6290862	US 2001022599
US 2001022600	US 6293658	US 6294101
US 2001026302	US 6299300	US 6299786
US 2001028377	US 6302528	US 6304291
US 6312070	US 6312615	US 2001038403
US 6317192	US 2001040602	US 2001040604
US 2001040605	US 2001040607	US 6318849
US 2001043253	US 2001045969	US 2001050701
US 6331258	US 6331946	US 6334190
US 6336710	US 6338547	US 6340222
US 6353772	US 2002041309	US 6374354
US 2002044814	US 2002051037	US 6382769
US 2002060714	US 2002060719	US 6402300
US 2002071066	US 6412914	US 6412993
US 6416167	US 6416170	US 6416679
US 6425651	US 6439694	US 6442525
US 6451216	US 2002149647	US 2002149648
US 2002154184	US 2002154189	US 2002154193
US 2002154194	US 2002158924	US 2002163559
US 2002180834	US 6491833	WO 9904551
US 6350023	US 6041600	US 6044646
US 6312107	US 2002005877	US 6362843
US 6390603	US 6234611	US 2001008407
US 6280643	AU 83238/98	AU 83236/98
EP 999933	WO 9903680	US 6416168
US 6293653	US 6274056	US 6234610
US 6378970	US 6238111	US 6238033
US 6231148		

US 5847836

JP 9116843

US 2001043342

JP 9065182

END OF ANNEX